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(56) Documents cited
GB A 2120255
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(58) Field of search
C3H
Selected US specifications from IPC sub-class C12N

(54) Method of increasing the half-life of
an mRNA sequence

(57) The method comprises utilising recombinant DNA having a REP sequence immediately downstream (3') of the DNA encoding sequence corresponding to the said mRNA sequence.

"REP sequence" means a Repetative Extragenic Palindromic sequence of approximately 30 to 50 nucleotides, which tends to form a stem loop having stem portions in palindromic relationship, and conforming to the consensus sequence shown in Figure 1 or at least 75% homologous therewith.

Plasmids comprising the REP sequence from the Histidine transport operon of *Salmonella typhimurium* are disclosed.

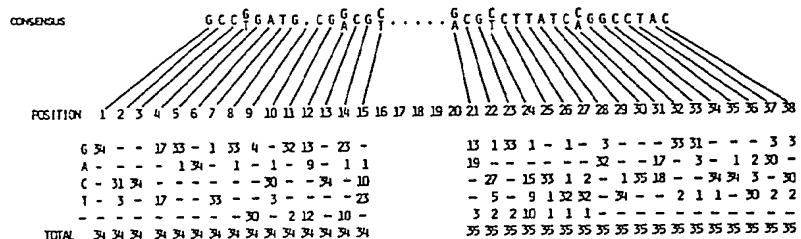


FIGURE 1(b)

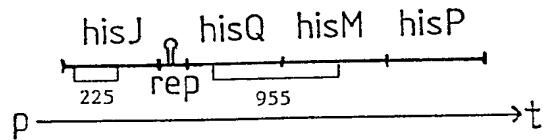


FIGURE 2